

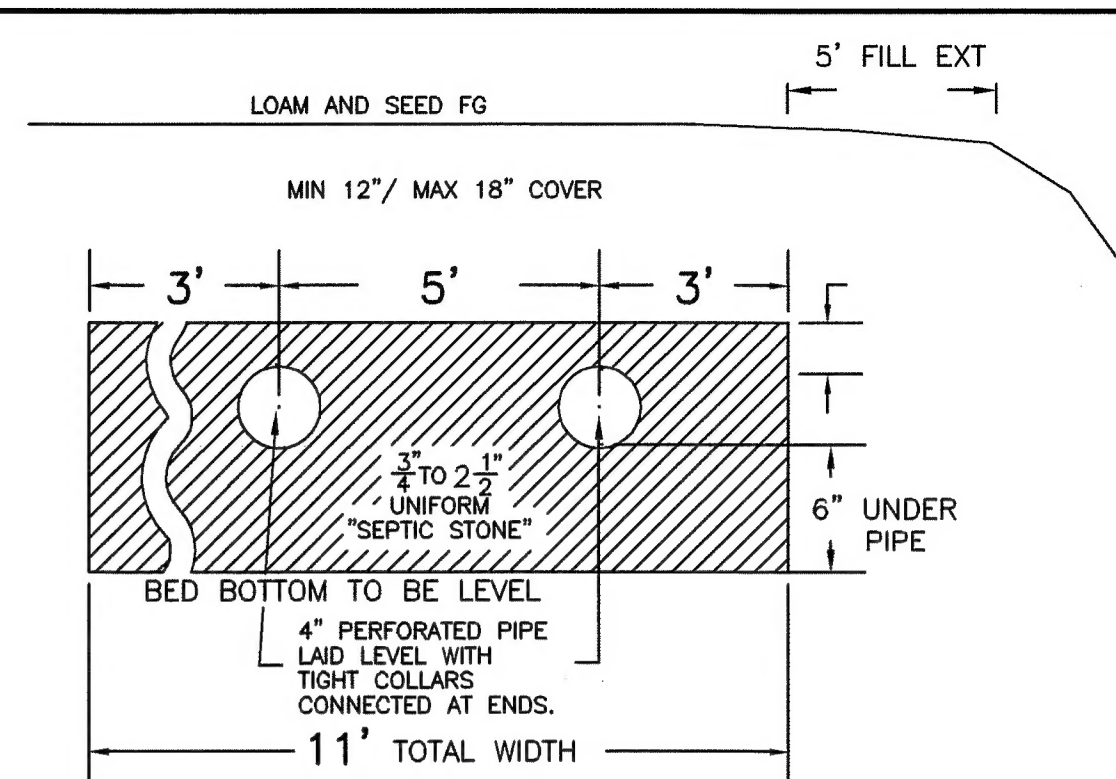
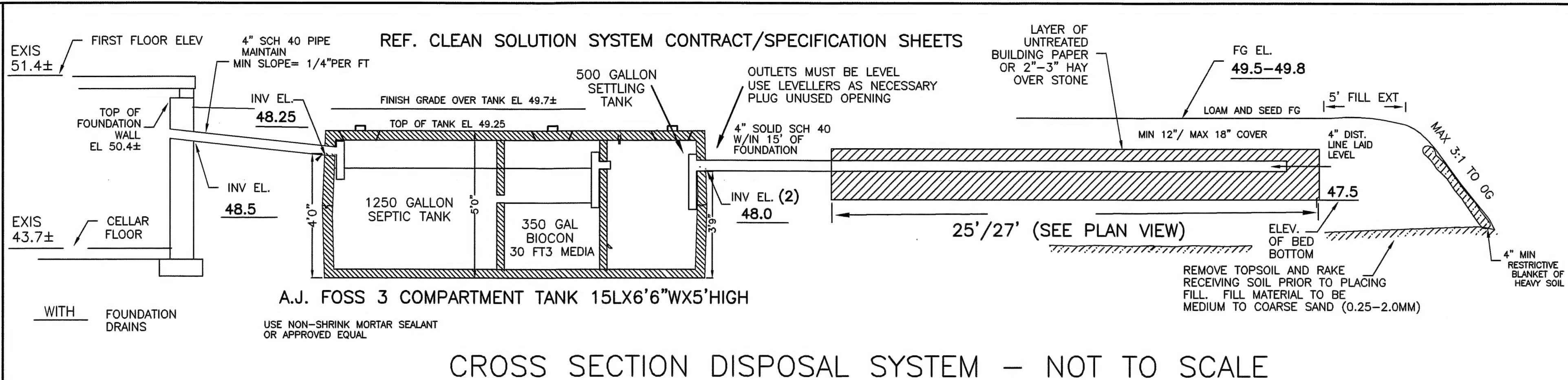
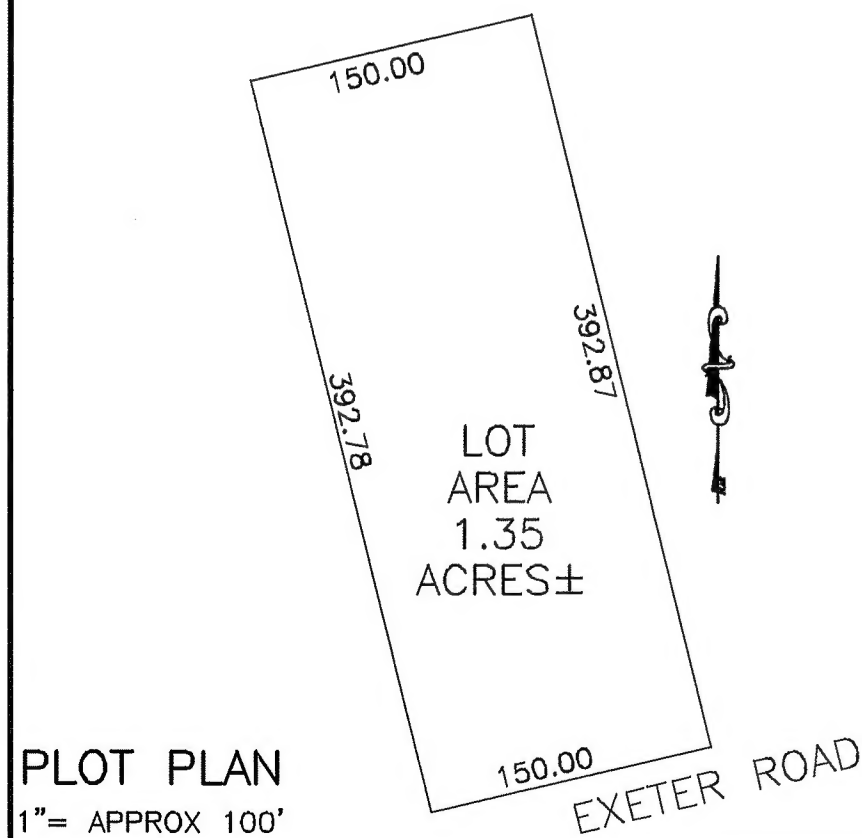
SOIL CLASS: 140 CHATFIELD-HOLLIS-CANTON  
(SOURCE: USDA-SCS SOIL SURVEY)  
BENCH MARKS: DATUM = ASSUMED  
#1 SET NAIL 3" STUMP EL 50.46  
#2 SET NAIL ROOT EL 49.96  
#3 SET NAIL 15" OAK EL 51.06

DESIGN INTENT:  
1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 47.5  
2. THERE IS/ARE APPROX 2.0 FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. (EL 49.5) (EQUALS 26" ABOVE ESHWT (EL 45.3))

SUITABLE REPLACEMENT AREA:  
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.  
LEGEND:

50- EXISTING CONTOUR  
(50) PROPOSED CONTOUR  
50.0 EXISTING SPOT ELEVATION  
(50.0) PROPOSED SPOT ELEVATION

- NOTES:
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:  
SURVEY PROVIDED BY CLIENT
  2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: N/A LOT OF RECORD PRE 1967 SEE RCRD 1757-248 (1965)
  3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
  4. NO SURFACE WATER OR WELL WITHIN 75' OF PROPOSED SYSTEM.  
NO HYDRIC SOILS WITHIN 75' OF PROPOSED SYSTEM.
  5. EXISTING DWELLING CONSTRUCTED 1952 PER TOWN ASSESSOR'S RECORD.
  6. EXISTING DWELLING IS 3 BEDROOM CAPACITY. CURRENT OCCUPANCY IS 2 PERSONS. OWNER SHOULD ADVISE WASTEWATER ALTERNATIVES OF ANY SIGNIFICANT CHANGE IN OCCUPANCY/ACTUAL USAGE.



## TEST PIT DATA

DATE: SEPTEMBER 8, 2009  
TOWN INSPECTOR: LEN LORD

### TEST PIT #1 EL 49.5

0-10" 10YR3/4 FINE SANDY LOAM TOPSOIL (TO BE REMOVED)  
10-36" 10YR5/4 TO 5/6 FINE SANDY LOAM, MASSIVE FRIABLE  
36-50" 2.5Y5/4 LOAMY FINE SAND, MASSIVE FRIABLE  
50-72" 2.5Y6/3 LOAMY FINE SAND, BLOCKY FIRM, RESTRICTIVE  
ESHWT @ 50", ROOTS TO 50", NO OBS H2O, NO REFUSAL

### TEST PIT #2 EL 50.0

0-6" 10YR3/4 FINE SANDY LOAM TOPSOIL (TO BE REMOVED)  
6-16" 10YR5/4 TO 5/6 FINE SANDY LOAM, MASSIVE FRIABLE  
16-31" 2.5Y5/6 FINE SANDY LOAM, MASSIVE FRIABLE  
31-60" 2.5Y6/3 LOAMY FINE SAND, BLOCKY FIRM, RESTRICTIVE  
ESHWT @ 31", ROOTS TO 31", NO OBS H2O, NO REFUSAL

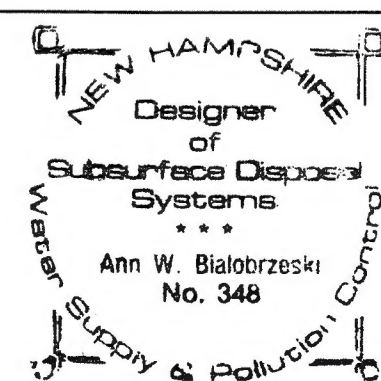
## PERC TEST DATA

PERC RATE: EST. 6 MIN/IN @ 28" DEPTH  
(N/A FOR CLEAN SOLUTION SYSTEM)  
EXISTING 3 BEDROOM HOUSE  
NO ADDITIONAL BEDROOMS PROPOSED  
NO ADDITIONAL LOADING PROPOSED  
DESIGN LOADING:  
75-100 MINIMUM REQUIRED PER W.A.I. MANUAL FOR 3 BEDROOMS  
AREA REQUIRED:  
11' X 25/27' = 290 SF± PROVIDED  
(TO COMPENSATE FOR REDUCED SEPARATION FROM ESHWT)

## PROPOSED REPLACEMENT SEPTIC SYSTEM PLAN

107 EXETER ROAD  
LOCUS: NORTH HAMPTON, NH  
TAX MAP 9 LOT 30

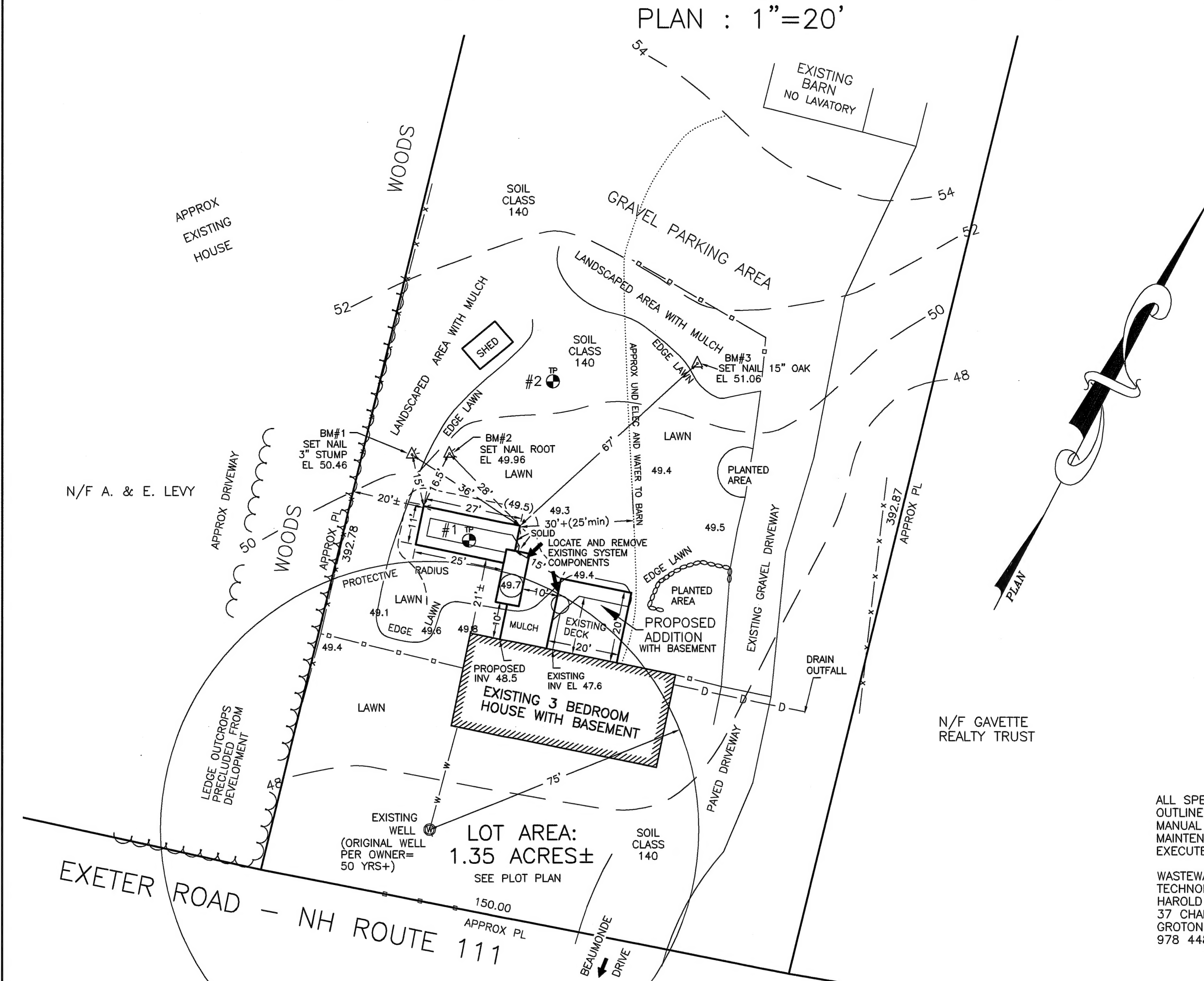
OWNER: KENNETH & DONNA MYERS  
107 EXETER ROAD  
NORTH HAMPTON, NH 03862



APPLICANT:  
STOCKTON SERVICES  
PO BOX 1306  
HAMPTON, NH 03843-1306

DATE: SEPTEMBER 9, 2009

APPROVAL: CA2009098651



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS MAINTENANCE CONTRACT SUBMITTED WITH APPLICATION FOR SYSTEM APPROVAL.

ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.  
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.  
ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.  
ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.  
ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

ALL SPECIFICATIONS AND RESPONSIBILITIES OUTLINED IN THE CLEAN SOLUTION MANUAL ARE A PART OF THIS DESIGN. MAINTENANCE CONTRACT MUST BE EXECUTED PRIOR TO INSTALLATION.

WASTEWATER ALTERNATIVES, INC.  
TECHNOLOGY DEVELOPED BY:  
HAROLD DAVIS  
37 CHAMPNEY STREET  
GROTON, MA 01450  
978 448-2415